

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	1572	(@pd<="20031204") and (trench) and (corner) and (round\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/26 07:56
S5	1969	(@ad<="20031204") and (trench) and (corner) and (round\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 15:33
S6	791	(@ad<="20031204") and ((trench) same (corner) same (round\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 14:23
S7	83	(@ad<="20031204") and (((trench) same (corner) same (round\$3)).TI.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/26 09:48
S8	681	(@ad<="20031204") and ((trench) same (corner) same (round\$3)) and (thermal oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/26 10:42
S9	117	(@ad<="20031204") and ((trench) same ("top corner") same (round\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 09:38
S11	1502	(@ad<="20031204") and (trench) and (corner) and (round\$3) and (oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 15:34
S12	3091	(@ad<="20031204") and (trench) and (top corner) and (round\$3) and (oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 15:34
S13	160	(@ad<="20031204") and (trench) and ("top corner") and (round\$3) and (oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 15:35
S17	14	"LEE, K H" and (semiconductor) and (trench\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:18

## EAST Search History

S18	65498	(silicon) and (isolation) and (oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:52
S19	58840	(silicon) and (isolation) and (oxide) and (@ad<="20031204")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 08:53
S20	366	(silicon) and (isolation) and (oxide) and (@ad<="20031204") and ("top corner")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:33
S21	79	(silicon) and (isolation) and (oxide) and (@ad<="20031204") and ("top corner") and (bird\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:01
S22	56000	(trench) and (etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:03
S23	28681	(trench) and (etch\$3) and (isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:05
S24	6682	(trench) and (etch\$3) and (isolation) and (LOCOS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:05
S25	6628	(trench) and (etch\$3) and (isolation) and (LOCOS) and (oxid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:06
S26	4365	((trench) same (etch\$3)) and (isolation) and (LOCOS) and (oxid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:07
S27	2612	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:04

## EAST Search History

S28	91	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ("top corner")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:10
S29	6250	("bird beak") or ("bird's beak") and (oxide) and (trench)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:09
S30	6250	("bird beak") or ("bird's beak") and (oxide) and (trench) and (isolation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:10
S31	173704	("438"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:11
S32	2201	("438"/\$.ccls.) and ("252"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:12
S33	448925	("438"/\$.ccls.) or ("252"/\$.ccls.) or ("216"/\$.ccls.) or ("156"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:14
S34	3251	S30 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:15
S35	686	S34 and (:top corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:16
S36	1670	S34 and (top corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:59
S39	448925	("438"/\$.ccls.) or ("252"/\$.ccls.) or ("216"/\$.ccls.) or ("156"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:07

## EAST Search History

S40	2142	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and (boron) near2 (silicate) or (BSG) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:09
S41	1	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ("top corner") and ((boron) near1 (silicate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:11
S42	13	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ((boron) near1 (silicate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:24
S43	4	(masking) near3 ((boron) near1 (silicate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 16:24
S44	13	((trench) same (etch\$3)) and (isolation) and (LOCOS) and ((oxid\$4) same (etch)) and ((boron) near1 (silicate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 09:08
S45	13	S44 and ((bsg) or (boron))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 09:08
S46	11	((@ad<="20030904") and ((trench) same ("top corner") same (round\$3)) and ((bsg) or (boron)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 09:46
S47	1257	((@ad<="20030904") and ((trench) and (round\$3)) and ((bsg) or (boron)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 09:47
S48	293	((@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 15:03
S49	16	((@ad<="20030904") and (trench) and ((round\$3) same (corner)) and (((bsg) or (boron)) same ("hard mask"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 14:36

## EAST Search History

S50	481	(@ad<="20030904") and (((bsg) or (boron)) same ("hard mask"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 09:59
S51	2	("5719085").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 12:46
S52	2516	(shallow.ti.) and (trench.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 12:47
S53	2122	(shallow.ti.) and (trench.ti.) and (isolation.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 12:48
S54	2007	(@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 12:54
S55	95	(@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.) and ((RTO) or ((rapid) adj1 (thermal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 12:57
S56	15	(@ad<="20030904") and (shallow.ti.) and (trench.ti.) and (isolation.ti.) and ((RTO) or ((rapid) adj1 (thermal) adj (oxidation)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 12:57
S57	2	("20050026382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 14:36
S58	131	(@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)) and ((HF) or (hydrofluoric))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 15:04
S59	3	(@ad<="20030904") and (trench) and ((round\$3) same (corner)) and ((bsg) or (boron)) and ((HF) or (hydrofluoric)) and ((EG) or (glycol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 15:04

## EAST Search History

S60	1015	(438/700).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/24 11:42
S61	25	(US-20020072196-\$ or US-20020119621-\$ or US-20020187616-\$ or US-20030040189-\$ or US-20040072400-\$ or US-20040072451-\$ or US-20050026382-\$ or US-20050054204-\$ or US-20050062127-\$ or US-20050093048-\$).did. or (US-5719085-\$ or US-6033969-\$ or US-6040232-\$ or US-6107143-\$ or US-6110793-\$ or US-6150234-\$ or US-6174787-\$ or US-6566192-\$).did. or (JP-11102961-\$ or JP-2001244327-\$ or RD-441003-\$ or KR-2003057905-\$ or KR-2004000647-\$ or US-20050026382-\$ or KR-2005012581-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/10/17 06:57
S62	4	S61 and ((angstrom) same ((deep) or (depth)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:03
S63	1526	((@ad<="20031204") and (trench) and (corner) and (round\$3) and (oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 07:03
S64	81	S63 and ((angstrom) same ((deep) or (depth)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:18
S65	29	S63 and (((("100") or ("200") or ("300")) adj3 (angstrom)) same ((deep) or (depth)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:41
S66	0	("2003655180").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 07:41
S67	0	("KR2003039385").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 07:44
S68	0	("KR2003039385A").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 07:52

## EAST Search History

S69	0	("KR2003039385A").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 07:52
S71	264	(@ad<="20030904") and (shallow adj trench adj isolation) and oxidation and etch and (round\$3 with corner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 11:40
S72	2	("20030143815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:05